

S.Y.B.A.S.L.P (2013 Course) Winter 2017
SUBJECT : DIAGNOSTIC AUDIOLOGY

Day : Tuesday
Date : 26-09-2017

W-2017-34-37

Time : —
Max. Marks : 10

N.B.:

- 1) Put a in the appropriate box below the question number once only.
- 2) Use **BLUE** ball point pen only.
- 3) Each questions carry **EQUAL** mark.
- 4) Students will not be allotted mark if he / she overwrites, strikes or put white ink on the cross once marked.
- 5) **MCQ** sheet will be taken back after **10** minutes.

SECTION – I

M.C.Q.

- 1) Reduced dynamic range is observed in persons with _____.
 - a) Cochlear pathology
 - b) Retrocochlear pathology
 - c) CAPD
 - d) Any of the above
- 2) The presentation level for reflex decay test is _____.
 - a) 10 dB above ART
 - b) 20 dB above ART
 - c) 100 dB HL
 - d) 100 dB SPL
- 3) Bekesy type IV audiogram suggests possibility of _____.
 - a) Cochlear pathology
 - b) Retrocochlear pathology
 - c) CAPD
 - d) Conductive pathology
- 4) Which of the following tests can be administered to rule out unilateral functional hearing loss?
 - a) Stenger test
 - b) Story test
 - c) D-S test
 - d) Any of the above

P.T.O.

- 5) Gap detection test assesses _____.
- a) Binaural interaction
 - b) Binaural integration
 - c) Binaural fusion
 - d) Temporal processing
- 6) Increased interpeak latency difference in ABR suggest presence of
- a) Cochlear pathology
 - b) Conductive hearing loss
 - c) Retrocochlear pathology
 - d) Functional hearing loss
- 7) Right beating spontaneous nystagmus suggest possibility of _____
- a) Right vestibular disorder
 - b) Left vestibular disorder
 - c) Central dysfunction
 - d) Any of the above
- 8) B type tympanogram suggests possibility of _____.
- a) Eustachian tube malfunction
 - b) Otitis media
 - c) Otosclerosis
 - d) Ossicular chain discontinuity
- 9) _____ stimuli are used to elicit TEOAE.
- a) Clicks
 - b) Tone bursts
 - c) Chirps
 - d) All of the above
- 10) ABR threshold for clicks correlate with behavioural thresholds of _
- a) 1 to 4 kHz
 - b) 250 Hz to 4kHz
 - c) 250 Hz to 8 kHz
 - d) 1 to 8 kHz

S.Y.B.A.S.L.P. (2013 Course) **WINTER - 2017**
SUBJECT : DIAGNOSTIC AUDIOLOGY

Day : Tuesday
Date : 26/09/2017

W-2017-3437

Time : 10.00 AM TO 01.00 PM
Max. Marks : 70

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
 - 4) Answers to both the sections should be written in **SEPARATE** answer books.
 - 5) Answers written in the inappropriate answer sheets will not be assessed in any case.
-

SECTION – II

Q.1 Write in brief about **ANY FIVE** of the following: **[15]**

- a) Brief tone audiometry
- b) Tympanometric width
- c) Dichotic tests
- d) Recruitment
- e) Nystagmus
- f) Lombard reflex

Q.2 Write short notes on **ANY FOUR** of the following: **[20]**

- a) Carhart's tone decay test
- b) Otoacoustic emissions
- c) VEMP
- d) ASSR
- e) Filtered speech test

SECTION – III

Q.3 Answer the following: **[20]**

- a) Discuss the usefulness of tympanometry in differential diagnosis of middle ear disorders.
- b) Describe the indicators of functional hearing loss during case history and pure tone audiometry.

Q.4 Answer **ANY ONE** of the following: **[15]**

- a) Describe the procedure for estimating threshold using ABR.
- b) Discuss the clinical applications of acoustic reflex.

* * * *